

Top Ten Highest Historical Crests: North Fork Shenandoah River near Strasburg

Latitude: 38.977

Period of Record: 1930-Present

Longitude: -78.336

Flood Stage: 17

Last Flood: 5/18/2011

Total Number of Floods: 22

| Date of Flood | Crest (ft) | Streamflow (cfs) | Wx Comments |
|---------------|------------|------------------|--|
| 9/7/1996 | 32.27 | 114,000 | Hurricane Fran produced up to 16 inches of rain in the western part of Virginia and up to 7 inches in the Juniata Basin in Pennsylvania. Fran was the worst flood even to hit Maryland since Hurricane Hazel and the January 1996 Flood. |
| 10/16/1942 | 31.20 | 100,000 | The remnants of the eighth tropical storm of the year produced torrential rains and caused the worst river flooding in the history of Virginia. |
| 3/18/1936 | 30.21 | 89,000 | Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million. |
| 1/20/1996 | 27.96 | 67,600 | Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972. |
| 11/5/1985 | 27.37 | 62,600 | Hurricane Juan produced more than 1 inch of rain in VA with more than 7 inches reported in higher elevations. A coastal low pressure system produced an additional 1-7 inches of rain and caused widespread major flooding in Virginia and Maryland. |
| 8/18/1955 | 23.55 | 36,100 | Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches. |
| 10/6/1972 | 23.48 | 35,700 | A weak low pressure system and a cold front produced 6-8 inches of rain in the Shenandoah Valley, with locally heavier amounts of up to 11 inches. |
| 3/20/1975 | 21.22 | 26,100 | Rainfall from a series of weak lows and cold fronts combined with snowmelt to create widespread flooding throughout five states in the Mid-Atlantic. |
| 4/26/1937 | 20.93 | 24,900 | Heavy rains caused widespread flooding across most of Virginia. The Rappahannock basin was hit the hardest, but the Potomac River at Wisconsin Avenue rose to 14.3 feet. Six people died and total damages were well over \$1.5 million. |

Drainage Area: 770 sq mi

Gage Datum: 493.4 ft MSL

Shenandoah Basin

County of Gage: Warren

County of Forecast Point: Shenandoah

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|---------------|------------|------------------|--|
| 6/22/1972 | 20.88 | 25,100 | Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania. |

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Shenandoah Basin

County of Gage: Warren
County of Forecast Point: Shenandoah